

MOTOMAN NEWS RELEASE

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MOTOMAN PALLETWORLD® WITH EPL-SERIES “EXPERT PALLETIZING” ROBOT MODULAR SOLUTION FOR HIGH-THROUGHPUT PALLETIZING



Dayton, Ohio — PalletWorld®, a fully integrated, modular solution is designed specifically for high-throughput palletizing. PalletWorld features the application-specific EPL-series robot and the advanced NX100 controller with menu-driven palletizing application software. Pre-engineered modules are integrated with the robot to achieve the desired functionality and throughput. Modules include gripper packages, valve packs, infeed conveyors, pallet locators, pallet racks, pallet outfeed conveyors, etc. These flexible add-on modules allow for customizing or upgrading system capabilities.

Benefits of a standard solution include:

- Low engineering costs
- Increased productivity through highly reliable operation
- Reduced lost production time and worker's compensation claims resulting from back injuries and carpal tunnel syndrome
- Highly reliable automation

Motoman's dedicated, high-speed palletizing robots are highly reliable and feature an average MTBF (Mean Time Between Failure) of over 62,000 hours for both the robot and controller. Standard palletizing grippers can accommodate a complete range of bags, cases or irregular shapes.

PalletWorld is fully safeguarded from power loss with special power failure recovery processing and absolute encoders that require no homing operation after power loss. Users can now avoid costly start-up delays after power failures, emergency stops, or planned shutdowns.

Motoman offers robust, PC-based tools that further enhance the productivity of their extensive line of palletizing robots. Motoman's MotoPallet™ PC-based simulation software is closely integrated with MotoSim® EG offline programming and simulation software. MotoPallet uses a process programming approach that is optimized for palletizing. It allows the user to think in terms of boxes, pallets and pallet patterns rather than robot, cycle times and payloads. MotoPallet and MotoSim software optimize robot programs based on box size, shape, and orientation requirements.

Additionally, MotoPallet can be integrated with CAPE Systems, Inc.'s CAPEPack'99 software that automatically generates optimized pallet patterns. An alignment grid and vectored set-down capabilities ensure tight box spacing and a solid pallet load.

For more information on PalletWorld or other Motoman products, visit www.motoman.com, call 937.847.6200, or write to Motoman Inc., 805 Liberty Lane, West Carrollton, Ohio, USA 45449.

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